

**STATE OF ALASKA  
FIVE-YEAR OIL AND GAS LEASING PROGRAM  
1999 TO 2003**

**1999 Sales**

North Slope Areawide 1999	February
*Cook Inlet Areawide 1999	April
*Beaufort Sea Areawide 1999	October

**2000 Sales**

North Slope Areawide 2000	February
Beaufort Sea Areawide 2000	May
Cook Inlet Areawide 2000	August

**2001 Sales**

North Slope Areawide 2001	February
*NS Foothills Areawide 2001	April
Beaufort Sea Areawide 2001	May
Cook Inlet Areawide 2001	August

**2002 Sales**

North Slope Areawide 2002	February
Beaufort Sea Areawide 2002	May
Cook Inlet Areawide 2002	August

**2003 Sales**

North Slope Areawide 2003	February
Beaufort Sea Areawide 2003	May
Cook Inlet Areawide 2003	August

\* Requires a Best Interest Finding

The sales scheduled for 2002 and 2003 are new to the Five-Year Oil and Gas Leasing Program. All other sales were proposed in the 1997 Five-Year Program. DNR has announced its decision to proceed with two sales – North Slope Areawide 1999 and Cook Inlet Areawide 1999. As for the rest of the schedule, if the decision is to proceed with a sale, a Sale Announcement, including the sale terms, bidding method, tract map, and mitigation measures will be issued 90 days prior to that sale. If a best interest finding or a supplement to a previous finding is required, it will be released at the same time as the Sale Announcement.



<b>North Slope Areawide Lease Sales:</b>	<b>Areawide 1999</b>	<b>February 1999</b>
	<b>Areawide 2000</b>	<b>February 2000</b>
	<b>Areawide 2001</b>	<b>February 2001</b>
	<b>Areawide 2002</b>	<b>February 2002</b>
	<b>Areawide 2003</b>	<b>February 2003</b>

**Description of Sale Area:** These five proposed areawide sales consist of all unleased, state-owned lands lying between the National Petroleum Reserve-Alaska (NPRA) and the Arctic National Wildlife Refuge (ANWR), and from the Beaufort Sea in the north to the Umiat Meridian Baseline in the south. The proposed area contains as much as 5,100,000 acres and is divided into 1225 tracts. However, the actual number of tracts available for leasing will not be known until 90 days before a sale. The sale area also includes unleased lands within the area of the 1991 settlement agreement between the Arctic Slope Regional Corporation (ASRC) and the state of Alaska. As a result of this agreement, a portion of the subsurface estate along the Colville River is owned jointly by the state and ASRC.

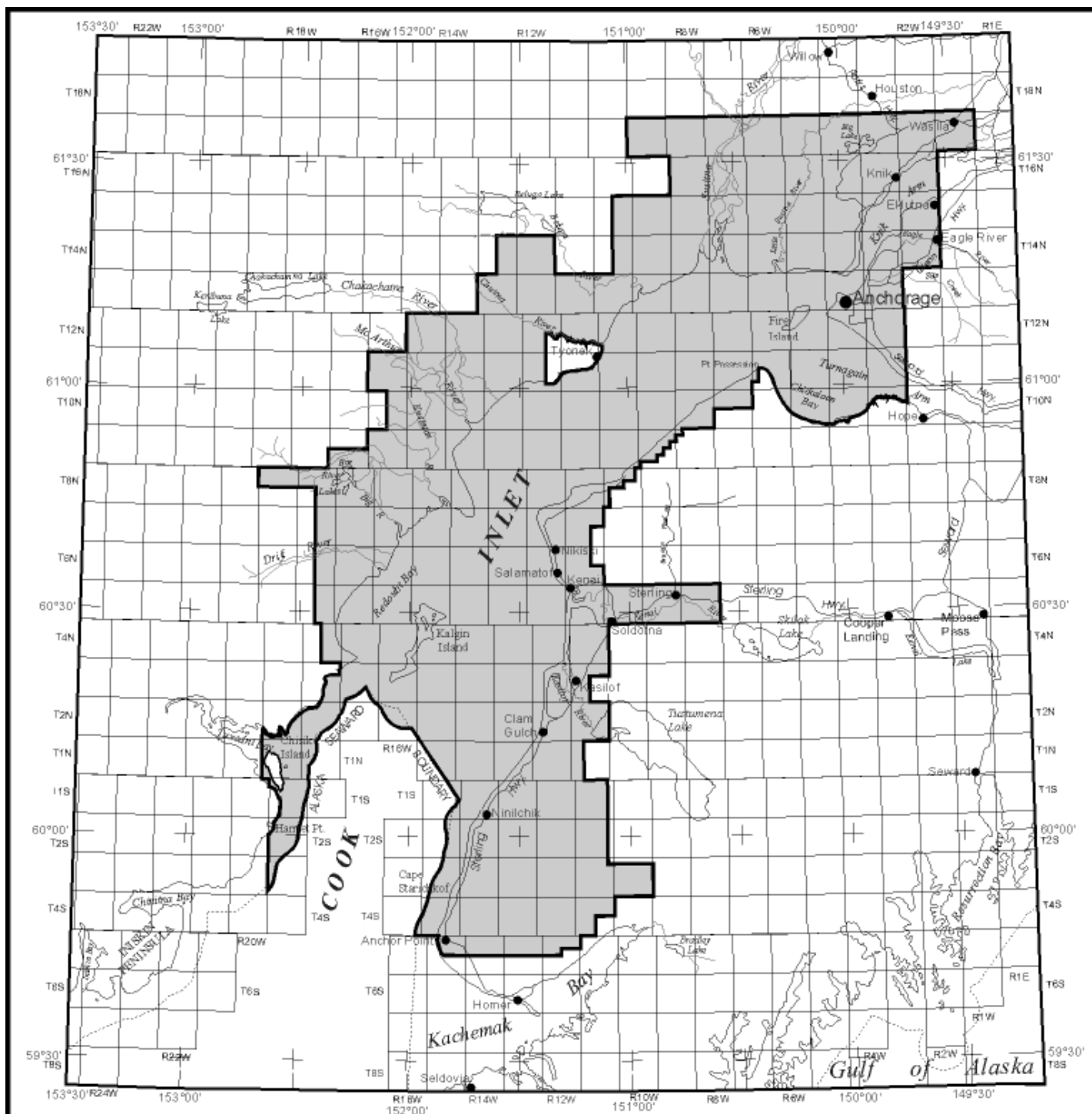
**Hydrocarbon Potential:** Hydrocarbon potential in the area is considered moderate to high.

**Other Resource Issues:** The proposed sale area supports a variety of wildlife. Caribou from the Central Arctic Herd and the Teshekpuk Lake Herd utilize parts of the region. Grizzly bears and moose are found along the Colville and Itkillik rivers. Polar bear dens have been documented in the Colville River Delta. Spotted seals haul out on sand bars in the Colville River Delta. Arctic fox, wolverine, and wolves also inhabit the area. Millions of birds migrate through or near the area during the summer, stopping to feed or rest on the numerous small tundra ponds typical of the area. The Colville River Delta wetlands provide important staging, nesting, feeding, and molting habitat for many species of birds. Freshwater fish include grayling, burbot, and whitefish. Anadromous fish include arctic char, cisco, whitefish, and salmon. Residents of Nuiqsut and Anaktuvuk Pass use the area for fishing and hunting birds, caribou, and other species.

**Community Information:** Portions of the proposed sale area lie within the boundaries of the North Slope Borough Coastal Management District. Oil and gas activities in this area of the state's coastal zone must be consistent with the Alaska Coastal Management Program, which includes the borough's program. The North Slope Borough has adopted a Comprehensive Plan and Land Management Regulations that may impose restrictions on oil and gas activity in the proposed sale area.

<u>Community</u>	<u>Municipal Classification</u>	<u>Population</u>
North Slope Borough	Home rule borough	7,263
Prudhoe Bay/Deadhorse	Unincorporated	24
Nuiqsut	Second class city	435
Anaktuvuk Pass	Second class city	301

**Status of Sales:** A decision to proceed with Areawide 1999 was issued on November 17, 1998. As for the other four proposed sales, approximately nine months prior to each, DNR will request substantial new information that has become available since the final finding for the first North Slope areawide sale, completed in March 1998. Should the director determine that, based on new information, a supplement to the finding is justified, the supplement, along with the director's decision, will be issued at least 90 days before each proposed lease sale.



Proposed Sale Areas



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
**PROPOSED OIL AND GAS LEASE SALES**  
**COOK INLET AREAWIDE 1999, 2000, 2001, 2002, 2003**

SCALE 1:1,425,600 ONE INCH EQUALS 22.5 MILES APPROX.

DIRECTOR, DIV. OF OIL & GAS

KENNETH A. BOYD

LEASE SALESMANAGER

JAMES HANSEN

DRAWN BY:

O.D.S. & M.P.

CHECKED BY:

DATE APPROVED: 01/04/99

Albers Equal-Area Conic Projection  
Based On The Clark 1866 Ellipsoid  
Central Meridian: -150.00  
Origin Latitude: 50.00

NOTE: NO DECISION HAS YET BEEN MADE ON WHETHER THE STATE WILL HOLD THE LEASE SALES SCHEDULED BEYOND 1999. THAT DECISION WILL BE MADE 3 MONTHS BEFORE EACH SALE.

<b>Cook Inlet Areawide Lease Sales:</b>	<b>Areawide 1999</b>	<b>April 1999</b>
	<b>Areawide 2000</b>	<b>August 2000</b>
	<b>Areawide 2001</b>	<b>August 2001</b>
	<b>Areawide 2002</b>	<b>August 2002</b>
	<b>Areawide 2003</b>	<b>August 2003</b>

**Description of Sale Areas:** These five areawide sales will include unleased, state-owned uplands located in the Matanuska and Susitna Valleys, the Anchorage Bowl, the western and southern Kenai Peninsula from Pt. Possession to Anchor Pt., as well as on the western shore of Cook Inlet from the Beluga River to Harriet Pt. These sales will also include the tide and submerged lands in the upper Cook Inlet from Kink and Turnagain Arms south to Anchor Pt. and Tuxedni Bay. The area is bounded on the east by the Chugach and Kenai Mountains and on the West by the Aleutian Range. The gross proposed area is about 4,200,000 acres and is divided into 815 tracts. However, the actual number of tracts available for leasing will not be known until 90 days before a sale.

**Hydrocarbon Potential:** Hydrocarbon potential in the area is considered low to moderate.

**Other Resource Issues:** The Cook Inlet region is used extensively for commercial, subsistence, and recreational fishing and hunting. Five species of North Pacific salmon are fished commercially throughout Cook Inlet. A number of important anadromous streams are found within the proposed sale area. The area provides important habitat for moose, black and brown bear, caribou, and waterfowl. Marine mammals found near or within the area include beluga whales, Steller sea lions, sea otters and harbor seals. Protected or endangered species known to occur in the sale area include the bald eagle. Under the Endangered Species Act, the Steller sea lion is a threatened species east of 144 degrees longitude and endangered west of 144 degrees longitude.

A number of state and federal wildlife refuges, critical habitat areas, recreation areas, and parks exist within or near the proposed sale area. These areas encompass important fish and wildlife habitat, and have significant scenic and recreational value.

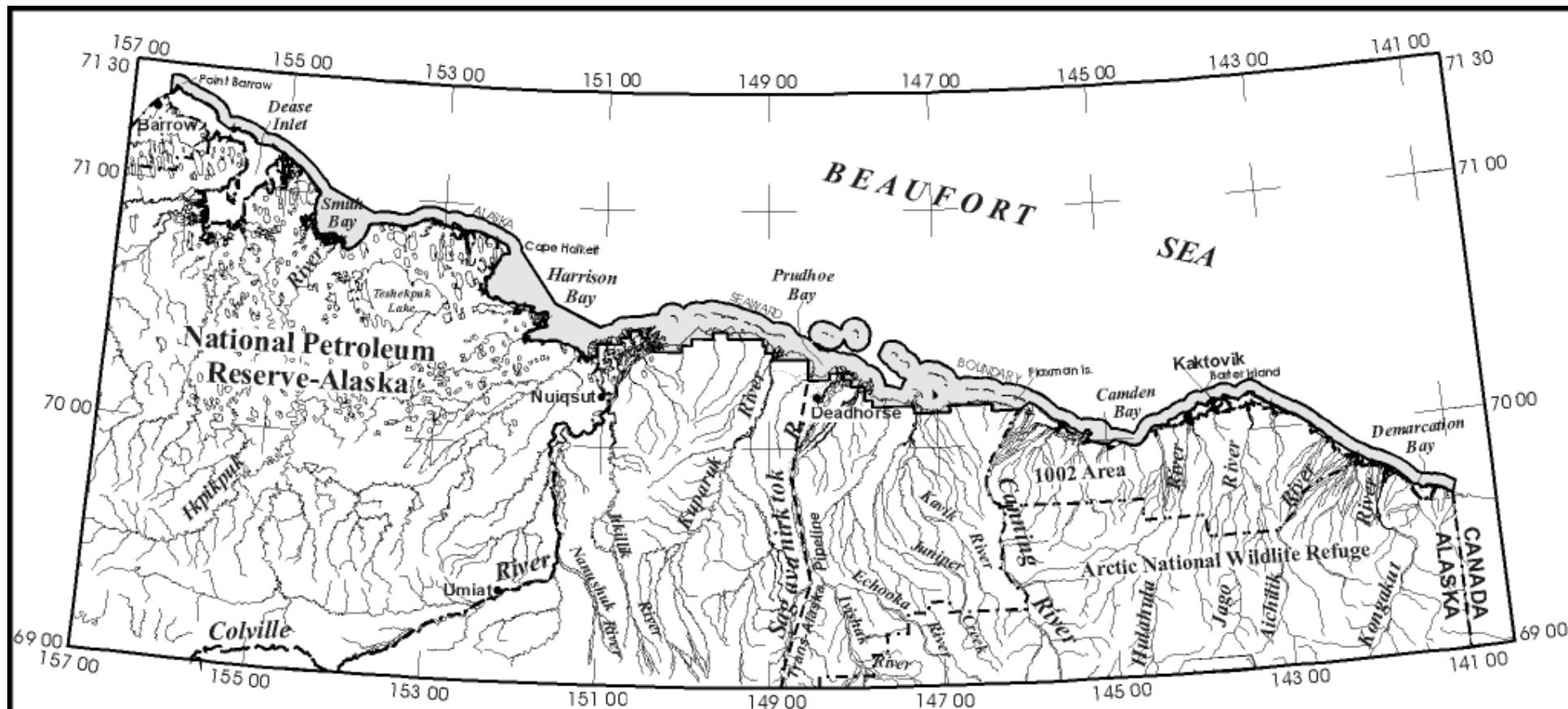
**Community Information:** The proposed sale area is within the boundaries of two boroughs and the Municipality of Anchorage. The Matanuska-Susitna Borough, the Kenai Peninsula Borough, and the Municipality of Anchorage all have approved coastal management plans that are included in the Alaska Coastal Management Program.

<u>Community</u>	<u>Municipal Classification</u>	<u>Population</u>
Municipality of Anchorage	Unified home rule municipality	254,849
Kenai Peninsula Borough	Second class borough	48,098
Matanuska-Susitna Borough	Second class borough	52,448
Kenai	Home rule city	6,971
Palmer	Home rule city	3,946
Homer	First class city	4,126
Seldovia	First class city & Unincorporated	699
Soldotna	First class city	4,092
Wasilla	First class city	4,917
Houston	Second class city	994
Alexander	Unincorporated	38
Anchor Point	Unincorporated	1,157
Big Lake	Unincorporated	2,243

<u>Community</u>	<u>Municipal Classification</u>	<u>Population</u>
Clam Gulch	Unincorporated	100
Cohoe	Unincorporated	598
Eklutna	Unincorporated	425
Happy Valley	Unincorporated	391
Hope	Unincorporated	152
Kalifonsky	Unincorporated	335
Kasilof	Unincorporated	539
Knik	Unincorporated	443
Nanwalek (English Bay)	Unincorporated	177
Ninilchik	Unincorporated	655
Nikiski	Unincorporated	3,023
Nikolaevsk	Unincorporated	474
Port Graham	Unincorporated	186
Ridgeway	Unincorporated	2,364
Salamatof	Unincorporated	1,134
Sterling	Unincorporated	5,705
Tyonek	Unincorporated	151

**Status of Sales:** A decision to proceed with Areawide 1999 was issued on January 20, 1999. This is the only scheduled Cook Inlet sale that requires a best interest finding. For the other four sales, the director must determine, based on new information that has become available since the finding was completed, whether a supplement to the finding is justified. The supplement, along with the director's decision, would be issued at least 90 days before each proposed lease sale.





Proposed Sale Areas



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
PROPOSED OIL AND GAS LEASE SALES  
BEAUFORT SEA AREAWIDE 1999, 2000, 2001, 2002, 2003

SCALE 1:2,000,000 ONE INCH = 32.5 MILES APPROX.

20 0 20 40 60 80 100 MILES

DIRECTOR, DIV OF OIL & GAS

KENNETH A. BOYD

LEASE SALES MANAGER

JAMES HANSEN

DRAWN BY:

O.D.S. & M.P.

CHECKED BY:

DATE APPROVED: 01/04/99

Albers Equal-Area Conic Projection  
Based On The Clark 1866 Ellipsoid  
Central Meridian: -149.00  
Origin Latitude: 50.00

NOTE: NO DECISION HAS YET BEEN MADE ON WHETHER THE STATE WILL HOLD THESE LEASE SALES. THE STATE IS GATHERING SOCIAL, ENVIRONMENTAL, & ECONOMIC INFORMATION ON WHICH TO BASE A DECISION FOR THE 1999 SALE.



<b>Beaufort Sea Areawide Lease Sales:</b>	<b>Areawide 1999</b>	<b>October 1999</b>
	<b>Areawide 2000</b>	<b>May 2000</b>
	<b>Areawide 2001</b>	<b>May 2001</b>
	<b>Areawide 2002</b>	<b>May 2002</b>
	<b>Areawide 2003</b>	<b>May 2003</b>

**Description of Sale Area:** The area for these five proposed sales consists of all unleased state-owned tide and submerged lands lying between the Canadian Border and Point Barrow, and some coastal uplands acreage located along the Beaufort Sea between the Staines and Colville Rivers. The gross proposed sale area is in excess of 2,000,000 acres and is divided into 576 tracts. However, the actual tracts available for leasing will not be known until 90 days before each sale. A portion of the subsurface estate offshore of the mouth of the Colville River is owned jointly by the state of Alaska and the Arctic Slope Regional Corporation. The boundary lines between state waters and those within the National Petroleum Reserve – Alaska and the Arctic National Wildlife Refuge have yet to be agreed upon by agencies within the U.S. Department of the Interior. Some tracts may need to be reconfigured.

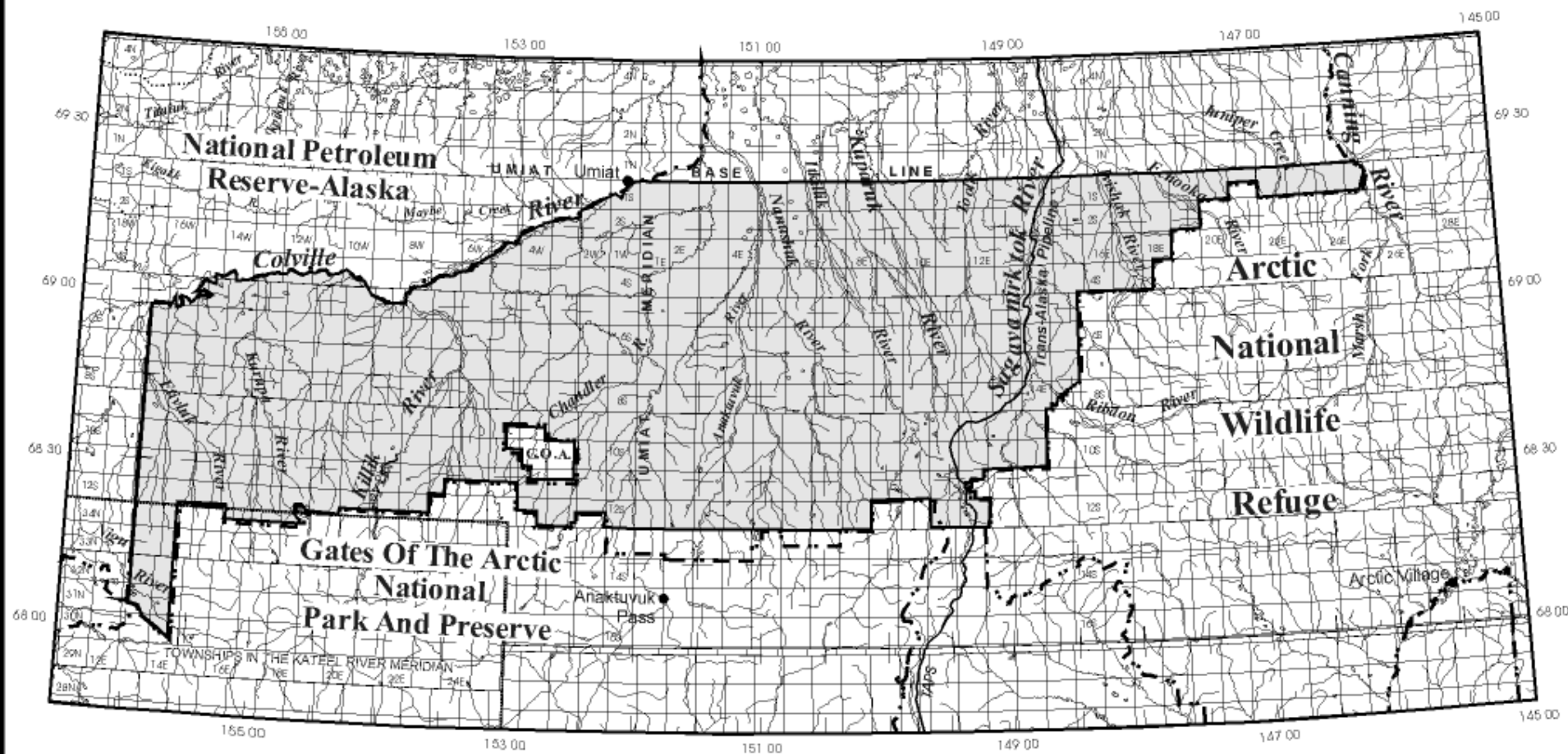
**Hydrocarbon Potential:** The hydrocarbon potential in the area is considered moderate to high.

**Other Resource Issues:** The marine environment along the Beaufort Sea coast provides denning habitat for polar bears and pupping habitat for ringed seals. Bowhead whales occur in the proposed sale vicinity during the fall migration, and a bowhead whale feeding area has been documented in the Demarcation Point vicinity. Beluga whales may also be found in the general vicinity during the summer. Numerous species of waterfowl, shorebirds, and seabirds migrate along the Beaufort Sea, and nest, stage, and molt in the lagoonal areas. Nearshore waters provide habitat for many marine and anadromous fish species. Caribou, grizzly bear and moose are found along major rivers. Residents of Barrow, Nuiqsut and Kaktovik use the fish and wildlife resources in the area for subsistence. The fall and spring hunts for bowhead whales are especially important to their subsistence needs.

**Community Information:** The proposed sale area lies within the boundaries of the North Slope Borough Coastal Management Program. Oil and gas activities in these areas of the state's coastal zone must be consistent with the Alaska Coastal Management Program which includes the borough's program. The North Slope Borough has adopted a Comprehensive Plan and Land Management Regulations that may impose restrictions on oil and gas activity in the proposed sale area.

<u>Community</u>	<u>Municipal Classification</u>	<u>Population</u>
North Slope Borough	Home rule borough	7,263
Barrow	First class city	4,276
Atkasuk	Second class city	226
Kaktovik	Second class city	223
Nuiqsut	Second class city	435
Prudhoe Bay/Deadhorse	Unincorporated	24

**Status of Sales:** Areawide 1999 is the only scheduled Beaufort Sea sale that requires a best interest finding. The preliminary finding was issued December 15, 1998, and the final finding is scheduled for June 1999. For the other four sales, the director must determine, based on new information that has become available since the finding was completed, whether a supplement to the finding is justified. The supplement, along with the director's decision, would be issued at least 90 days before each proposed lease sale.



Proposed Sale Area



STATE OF ALASKA  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL AND GAS  
PROPOSED OIL AND GAS LEASE SALE  
NORTH SLOPE FOOTHILLS AREAWIDE 2001

SCALE 1:2,000,000 ONE INCH = 32.5 MILES APPROX.

20 0 20 40 60 80 100 MILES

DIRECTOR, DIV. OF OIL & GAS

KENNETH A. BOYD

PETROLEUM GEOPHYSICIST

JAMES HANSEN

DRAWN BY:

O.D.S. & M.P.

CHECKED BY:

DATE APPROVED: 01/04/99

Albers Equal-Area Conic Projection  
Based On The Clark 1866 Ellipsoid  
Central Meridian: -152.00  
Origin Latitude: 50.00

NOTE: NO DECISION HAS YET BEEN MADE ON WHETHER THE STATE WILL HOLD THIS LEASE SALE. THE STATE IS GATHERING SOCIAL, ENVIRONMENTAL, & ECONOMIC INFORMATION ON WHICH TO BASE A DECISION.

**Description of Sale Area:** This sale consists of all unleased, state-owned lands lying between the National Petroleum Reserve-Alaska (NPRA) and the Arctic National Wildlife Refuge (ANWR), south of the Umiat Baseline and north of the Gates of the Arctic National Park and Preserve. The gross proposed sale area is in excess of 7,000,000 acres. The area has not yet been divided into individual tracts. A significant amount of acreage within the sale area has only been selected by the state under the Alaska State Act. This acreage has also been selected by certain ANCSA native village and regional corporations. The ultimate availability of this acreage for leasing by the state will depend on the outcome of the Bureau of Land Management's adjudication of the competing selections.

**Hydrocarbon Potential:** Hydrocarbon potential in the area is considered moderate.

**Other Resource Issues:** Four caribou herds utilize the proposed sale area: the Western Arctic Herd, Central Arctic Herd, the Teshekpuk Lake Herd and the Porcupine Caribou Herd. Caribou use the proposed sale area as winter range and travel along the river drainages and mountain passes to their summer calving areas along the Beaufort Sea coast.

The riparian habitats found within the sale area are important to a variety of species such as moose, grizzly bears, and arctic peregrine falcons. Some of the higher mesa or butte areas are used for lambing and mineral licks by Dall sheep. Major river valleys, where willow stands are most abundant, provide valuable moose habitat. Moose concentrate in these areas throughout the year, with peak use occurring during winter. Grizzly bears are frequently associated with riparian habitats in the area, especially in the spring and fall. Arctic peregrine falcons nest along several of the rivers in the proposed sale area. Residents of Anaktuvuk Pass are the most frequent users of fish and wildlife in the sale area; however, Barrow and Nuiqsut residents occasionally harvest species in the area.

**Community Information:** Portions of the proposed sale area lie within the boundaries of the North Slope Borough Coastal Management District. Oil and gas activities in this area of the state's coastal zone must be consistent with the Alaska Coastal Management Program, which includes the borough's program. The North Slope Borough has adopted a Comprehensive Plan and Land Management Regulations that may impose restrictions on oil and gas activity in the proposed sale area.

<u>Community</u>	<u>Municipal Classification</u>	<u>Population</u>
North Slope Borough	Home rule borough	7,263
Prudhoe Bay/Deadhorse	Unincorporated	24
Nuiqsut	Second class city	435
Anaktuvuk Pass	Second class city	301

**Status of Sale:** State agencies are gathering social, environmental, and economic information in order to develop the preliminary best interest finding, which will be available in July 2000. The final finding will be released in January 2001. If it is determined that this sale will best serve the interests of the state, a notice of sale, including the terms of sale, bidding method, tract map and mitigation measures, will be released in January 2001. No other lease sales are currently planned for this area after May 2001.

